RECEIVED CENTRAL FAX CENTER REPLY UNDER 37 CFR 1.116 EXPEDITED PROCEDURE TECHNOLOGY CENTER 2814

SEP 1 5 2005

Docket No. 5513.P018

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Michael C. Green et al.

Application No.: 10/665,298

Filed: September 17, 2003

For: REDUCING DARK CURRENT OF

PHOTOCONDUCTOR USING HETEROJUNCTION THAT MAINTAINS HIGH X-RAY

SENSITIVITY

Examiner: Thao X. Le

Art Unit: 2814

Confirmation No.: 5448

TL 09/21/05

AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION

Mail Stop AF Commissioner for Patents P. O. 1450 Alexandria, VA 22313-1450

Dear Sir:

In response to the Final Office Action mailed June 15, 2005, please amend the above-identified patent application as follows and consider the following remarks.